A.N.A.R.T.S. News Bulletin 1400 for 11th of June 2006

Views expressed in this news bulletin are not necessarily

those of the Broadcast Officer, the Relay Officers, or of

the Society.

Items in this broadcast include

1. Cols column

2. IPS REPORT

3. VK2SG RTTY DX report

4. OPDX News

5. Anarts Information

Col's Column

One of the big weekends of the year for ANARTS is on this weekend,

yes I am talking about our WW RTTY Contest that is running now,

even as this cast goes to air...Please Please.. Give it a go....

Go on you know you will just love it...

Rules can be found at http://anarts.com.au or

http://users.bigpond.net.au/ctdavies

Propagation of Radio Waves.

Attenuation of Radio Waves by the Ionosphere continued...

The degree of attenuation is partially dependent on the number of

free electrons present and the frequency of collision. Because of

the decrease of atmospheric pressure with height, and ionisation

is greatest at the centre of layers, most of the energy lost by the

waves take place in the D layer and at the lower edge of the E

layer where there is a large amount of gas present.

Once the wave penetrates well into the ionised regions, the atten

-uation is small despite the high electron density
because there

is little gas present with which the electrons can
collide.

Besides being related to the electron density and
collision freq

-uency, the attenuation of a radio wave is also inversely
related

to the frequency and directly related to the angle of
incidence.

Thus low frequencies are attenuated to a greater extent
than high

frequencies, while the attenuation increases as the angle
of

incidence is increased.

Since the attention is related to layer conditions, it
will be

greater during the day, when the ionisation is at a
maximum, than

at night. For the same reason, the attenuation of a given
wave

will be greater in summer than in winter. Under certain
conditions

of electron density, frequency, etc, a radio wave will be
totally

attenuated by the ionised layers, the upper limit of
frequencies

which are totally attenuated being higher during the day
than at night.

Next week Skip Phenomena and Skip Distance.

73's...Don't forget the Contest

DE Col VK2CTD.

IPS Weekly Solar and Geophysical Report for 2/8th Jun

SUMMARY

Date 02 03
04 05 06
07 08

10cm flux 75 76
76 78 78
83 80

AFr index 5 2

1 2 15
18 22 est

Aaus index 6 4
2 2 15
14 14 est

T index 31 32
18 15 23 15 15

Solar flare activity was very low all week.

Geomagnetic activity observed for the Australian Region
was quiet

tob unsettled on 2nd and 7th quiet on 3/5th and quiet to
active on

6th and 8th.

Southern Australian Ionospheric F2 critical frequencies
were near

predicted to 40 percent enhanced on 2nd near predicted to
30 percent

enhanced on 3rd near predicted on 4th slightly below
predicted

values on 5th slightly above predicted values on 6th
depressed 15

percent to 25 percent enhanced on 7th and mostly near
predicted on 8th.

Forecast for 9/15th Jun

Solar activity should be very low to low.

Geomagnetic activity should see mostly quiet to unsettled
conditions.

Frequencies should be mostly near predicted monthly
values, with

minor to moderate depressions possible on 9th especially
at high and

some mid-latitude locations.

courtesy of the IPS Radio and Space Services

summary by Pat VK2JPA ANARTS Broadcast Officer

VK2SG RTTY DX NOTES WEEK ENDING 8 JUN

This week our information came from AA5AU, GU0SUP, I5FLN,
UT5RP,

and the Central Europe clusternode DB0SPC. Thank you all.

Friday 2

0009-14082 VI9NI

0103-14084 XE1ZVO

0144-14083 TG9ANF

0158-14085 CP6UA

0545-14083 A72OO6
via EA7FTR

0922-14087 TI8CBT

0953-14084 OY/PA0VHA

1225-14084 OY/PA2AM

1233-14083 LU3DJS

1345-14080 MU0FAL

1453-14087 HS0ZBS

1522-14083 VR2XLN

1556-14081 TF3GC

1753-18103 TR8CA
via F6CBC

1818-14083 OY/PA0VHA

2010-10138 OY/PA2AM

2045-14085 KL7WIC

2048-14086 FM/F5OIU

2054-14083 TG9ANF

2110-14082 CP6UA

2117-14092 6W2SC

2120-14080 HK6DOS

2159-10144 TK5IH

2203--7041 TF3GC

2228-14080 P29ZAD

2239-14087 MU0FAL

2250-10138 OY/PA2AM

2303-14088 PT7AZ

cq cq de vk2tty vk2tty

Saturday 3

0203-14082 VQ9NL

0216-14081 TI2CCC

0229-18101 VI9NI

0258-14080 FR5AB

0337-10138 EU7SA

0519-24932 ZS6HD

0531-10135 VI9NI

0614--7040 VI9NI

0804-14088 OY/PA0VHA

1251-21086 OY/PA0VHA

1354-14087 ZF2JO

1401-18102 J5UAP

1412-18104 TR8CA

1413-14087 CP6UA

1421-14084 OY/PA2AM

1521-28082 J5UAP

1547-14086 UN8PIM

1556-14088 J5UAP

1651-14083 HS0ZBS

1742-24922 ER3MM

1810-14090 C56W

1844-14091 E21YDP

1936-14083 FG5FI

2008-14085 PT7AZ

2035-14092 UA0FAI

2156-14082 FM/F5OIU

2208-14085 HK3SGP

2211-14086 XE3ISS

2219-14089 T94KC

2259-14080 MU0FAL

2309-14080 KP4ED

2314-14082 9K2YM

2315-14081 9Z4FZ

2352-14081 HK4QHD

Sunday 4

0038-14085 BW3/JD1BKQ

0050-14085 CP6UA

0313-14086 ER2NB

0349-14082 P29ZAD

0350-14086 EW3BF

0421-14082 EU7SA

0436-21085 BW3/JD1BKQ

0446-10135 VI9NI

0617-14087 IS0YTA

0625-14085 OY/PA2AM

0634-14085 BW3/JD1BKQ

0640-18104 KH6ZM

0720-18104 TR8CA

0850-28083 YB0COU

0954-14084 P29ZAD

1058-14089 KL7IWC

1153-14081 BD7KLO

1230-18109 HK4QHD

1312-18107 VR2XMT

1430-14085 KP4ED

1436-14083 YB0IR

1440-14081 9Z4FZ

1450-14090 MU0FAL

1454-24919 CN8NK

1538-14086 EK3GM

1615-24924 EW1KP

1648-24924 CN8KD

1717-14085 OX3DB

1739-14092 EW3LW

1902-14083 4L4KK

1946-14083 XE1ZVO

1949-21083 FM5AA

2019-14083 FM5AA

2030-14084 KL7IWC

2125-14091 C56W

2131-14087 CE6ABC

2132-14085 HL1AQ

2156-14081 6W2SC

2158-14084 OY/PA0VHA

2251-14081 HK6PSG

2344-14083 OX3WS

2354-14082 TF3GC

Monday 5

0013-14082 TF3GC

0019-14085 OX3WS

0220-14082 EU7SA

0306-14084 VI9NI

0850-18103 UN8LF

0916-18105 YB5AQB

1116-14080 OY/PA2A

1308-14087 DS5BRE

1314-14085 BD7KLO

1357-18106 DS5RYB

1411-21080 OM7AG

1425-14083 OY/PA0VHA

1457-14084 E20WXA

1652-14087 OX3DB

1706-14080 VR2UW

1811-14080 CN8YZ

1927-14080 TA1EE

1932-14084 LU5DIT

1958-10140 EU7SA

2034-10139 OY/PA2AM

2045-14089 UA0FO

2121-14087 T94KC

2153-14085 TI2KAC

Tuesday 6

0046-14084 VI9NI

0132-14080 XE1ZVO

0139-14083 EU8RZ

0635-14085 KP4ED

1051-18100 C56W

1110-14081 Z31MM

1221-14086 OY/PA0VHA

1321-14080 VR2XLN

1345-14084 KL7IWC

1406-14085 IS0YTA

1638-14086 EA6/I2RSA

1716-14083 TA1EE

1743-14086 CN8YZ

1951-14082 LU5DIT

2018-14087 HK6PSG

2020-14085 XE1EK

2025-14081 TI8CBT

2148-14087 EA8RA

2201-14084 CP6UA

2306-14082 V44KJ

2336-14083 VI9NI

Wednesday 7

0030-14085 VI9NI

0107-14084 V44KJ

0137-14086 KP4SQ

0431-14084 EA8RA

0806-14088 ER1AO

1251-14088 EP3PTT

1312-14083 4S7AB

1441-14087 IS0YTA

1502-14088 EA6/I1RSA

1503-14082 TF3GC

1905-14092 HS0ZEU

1944-14090 SV9/ON6MX/P

2133-14087 LU5DIT

2144-14085 CP6UA

2153-14080 SV9CVY

2244-14086 EA8RA

2253-14086 HK6PSG

Thursday 8

0044-14084 LU7EH

0346-14087 EA8RA

0911-21083 XX9BB

1348-14087 HZ1IK

1411-18099 C56W

1527-14084 TI8CBT

1830-14088 HZ1IK

1850-14082 4Z5AV

1929-14086 EA8AG

2028-10139 TR8CA

2101-14084 HK6DOS

2114-10135 LW9JX

2123-10140 FM5AA

2127-14089 MU0FAL

2143-14080 XE1L

2147-14084 YV1FM

2216-14086 HK4QMH

The VK2SG RTTY DX NOTES are distributed every week via the Winlink

network and are also available on the Internet at

URL http://mailman.qth.net/mailman/listinfo/vk2sg-rtty.

For next weeks bulletin, send your bandpass and notes of interest to

Don AA5AU aa5au at bellsouth.net

73's Goetz Linss DJ3IW

The Ohio/Penn DX Bulletin No. 761 - Excerpts

A7, QATAR

Operators Juma/A71EM, Ali/A71BX and possibly others will be active as A72OO6

(Alfa Seventy Two Oscar Oscar Six) to commemorate the 15th Asian Games 2006 to

be held in Doha, Qatar. The special callsign will be activated between now and

July 31st. Activity will be on all bands and modes. The special event station

was heard this past weekend on 20/15 meters SSB and 17/10 meters CW. QSL via

EA7FTR.

CU8, AZORES (Update/Correction)

The Portuguese DX Group (GPDX) is proud to announce another IOTA and Lighthouse

Azores DXpedition. Activity will be from Flores Island (IOTA EU-089) during the

IOTA Contest (July 29-30th) as CU8T and as a Multi-Single entry. QSL via CT1GFK

(the Bureau is OK). Outside of the contest (July 29th-Aug 8) the group will be

active as CU8F from Farol do Albarnaz Lighthouse. Also QSL via CT1GFK

(the Bureau is OK). Activity will be on 160-6M CW SSB RTTY and PSK31.

DAYTON PHOTOS

Once again Tom, K8CX, has announced for DXers/Contesters to visit his famous

Photo Web site and see the Dayton 2006 Photo Gallery at

http://hamgallery.com/dayton2006/

This years gallery has 214 photos.

E5, NORTH/SOUTH COOK ISLANDS

It seems that the new prefix for the Cook Islands did not happen just yet.

According to Bernie W3UR Editor of The Daily DX Jim Ditchburn ZK1JD

confirms that no written notification was received from Cook authorities. He

checked with the governing body and was advised that no decision had been made

on prefixes and that the changeover date was likely to be 1 Jul.

HH, HAITI (Update)

Glauber PS7EB is now active as HH/PS7EB until Nov 25. Activity will be on

80-10M SSB RTTY and CW (QRS), during the free hours of his work as a

member of the Brazilian Army in the Peace Force of UN - MINUSTAH. He was

heard on 20M SSB this past week after 1930z on various frequencies.

INTERESTING WEB PAGE TO VISIT

Willy ON4AW informs OPDX that at the beginning of this year he has been

licenced for 52 years as a Radio Amateur. He succeeded in passing the

exams in 1954. He has collected some interesting QSLs photos of 4U1ITU

and from ON4UB at the International Exhibition (1958) in Brussels. Please

visit his Web page at http://blog.seniorennet.be/paintinghistory/archief.php?ID=40

If clicking on the Morse key (image) at the upper left of the page, you will go

to a different link which will provide a lot of radio-amateur information (in

English) photos of older radio-amateur receivers and transmitters and hundreds

of quite rare QSL cards.

IOTA NEWS

AF-078. Didier F6ELE he will be active as 6W2/F6ELE from Carabane Island

between Jun 9-15th (for 3-4 days). Activity will be on 40/20/15M. QSL via

F6ELE: Didier Bas, 11 Rue des Petites Maisons, F-17230 St. Ouen D'Aunis,

FRANCE.

EU-124. Twelve members of the Grantham ARC will be active as GW0GRC (or

possibly GB0SK) from Skokholm Island, Aug 26-29. Bands/modes of operations

were not provided. QSLs will be sent out automatically or you may QSL

direct to G0RCI.

EU-175. Operators Manuel/CT1BWW Juan/EA2RC and Joan/EA3GHZ will activate

three islands from this island group during the month of Jul. Look for

CU7X to be active from Faial Island, Jul 10-16. Look for CU6X to be active

from Pico Island (LH 1321) Jul 17-21. Look for CU5X to be active from

S. Jorge Island Jul 21-25. Activity will be on 160-6M CW SSB and RTTY.

They plan to have two stations on. QSL via EA3GHZ direct or by the bureau.

ONE STEP CLOSER (To Become a New One)

It was reported today in the newspaper that 'Montenegros parliament declared

independence for the tiny Balkan republic Saturday, forming a new European

state and dissolving what was left of the former Yugoslavia.' It also

mentioned that The declaration says Montenegros strategic national goal

is integration into the European Union and NATO, and the new country will

immediately apply for admission into the United Nations and other

international organizations. This is good news for DXers.

Once Montenegro

becomes a UN member or is assigned a prefix block from the ITU, it will be

added to the ARRL DXCC List. The official start date for DXCC purposes

should be the date that Montenegro joins the UN or ITU.

ADDED NOTE Ranko YT6A announced late Sat Jun 3 'As soon as we become new

DXCC country a large international team will activate a DXpedition as

inaugural operation from Montenegro. More to come later...'"

SPECIAL EVENTS (Japan)

8J5TOSA - Special event station will be active between now and Augt 31 to

celebrate the Tosa (240,000-koku) Expo. Tosa is an old name of Kochi

Prefecture. A koku is a unit for measuring rice that is about 180 liters

150 kilograms or 5 bushels which is enough to feed one person for one year.

Activity will be on all bands and modes. QSL via the JARL Bureau.

8N4OKI - Special event station will be active between now and July 31st to

commemorate the opening of the new Oki Airport. Look for activity on all

bands SSB CW FM and PSK31. QSL via the JARL Bureau.

SV5, DODECANESE

Ermanno IK2WZD is active as SV0XAN/5 from Lipsi Island (EU-001) until Jul

31st. Activity will be on all modes and bands. He was spotted on 40M

(7053 kHz at 1555z) this past weekend. QSL via his home callsign.

T61, AGHANISTAN

Ross EX1UN (4W6UN) who has been in Kyrgyzstan for the previous 2 years, is now

in Kabul. He told Kan JA1BK that he was issued the first official license of

the Afghan Amateur Service T61AA and they will no longer be using the YA

prefix. Ross is in Kabul for the Union Nations as a Project Coordinator

(Customs Modernization and Trade Facilitation Project). He currently has just

set up a long wire to start operations and will hopefully be improving on

antennas and a bit more power. Ross could not bring all of his equipment on

deployment. However he will bring back a FT-100 and/or IC-706 Mk IIG when he

goes home for a short trip in July.

VI9, NORFOLK ISLAND (A Note From VK9NS)

Jim VK9NS reports 'As you know Kirsti and myself both applied and were issued

two licences for the callsigns VI9NL and VI9NS to be used for the upcoming

celebrations on Norfolk Island. HIDXA received a letter yesterday from National

Licensing and Allocations Branch - basically saying in part 'it has been brought

to our attention' that the ACMA does not usually allow more than one Special

Event Licence to one organization for the same event. Which I suppose is a fair

comment. We have relinquished the use of VI9NL basically as Kirsti will not be

here for the complete month. HIDXA retains the use of VI9NS for the month of

June 2005.'

ZK1, SOUTH COOK ISLANDS

Look for Hector EA3EKS to be active this week as ZK1EKS from Jun 8-13.

Activity will be on 20/15/10M. Suggested frequencies are 14275 21275 and

28275 kHz. QSL via EA3EKS Hector Guasch PO BOX 855 43080 Tarragona SPAIN.

The Society can be contacted in the following ways

To Pat VK2JPA via patleeper at optusnet.com.au or

Col VK2CTD via ctdavies at bigpond.net.au or

you can drop a line to PO Box 93 Toongabbie NSW 2146.

73’s for this week from Pat VK2JPA Broadcast Officer.

NNNN